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TITLE : POLYESTER COMPOSITION

ABSTRACT : PURPOSE: To provide the titled compsn. having a high crystallization rate, improved moldability and excellent heat resistance and mechanical strength, by blending a metal salt of a terpene carboxylic acid with polyethylene terephthalate.

CONSTITUTION: A polyester compsn. is obtd. by blending a metal salt of a terpene carboxylic acid, such as Th, K, Li or Ca salt of camphoric acid, hinokiic acid or pimelic acid, with polyethylene terephthalate or a polyester composed mainly of polyethylene terephthalate. The compsn. has a high crystallization rate, remarkably improved moldability and excellent heat resistance and mechanical strength, and can be injection-molded at a mold temp. of 120°C or below. Since crystallization rapidly occurs after spinning in the fiber production, drawing can be conducted after spinning only by providing a simple drawing device and spin/draw/take-up can be inexpensively conducted.

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